



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## Bureau of education:

—, —.

## Bureau of contagious diseases:

C. A. Harper, M. D., Madison.

## Bureau of sanitary engineering:

W. G. Kirchoffer, Madison.

## Bureau of vital statistics:

L. W. Hutchcroft, statistician, Madison.

## Laboratory:

W. D. Stovall, M. D., bacteriologist.

E. J. Tully, chemist.

Fiscal year ends June 30.

**Wyoming.**

## Board of health:

Herbert T. Harris, M. D., president, Basin.

Anna C. Hurd, M. D., Sheridan.

W. A. Wyman, M. D., secretary, Cheyenne.

## Executive health officer:

W. A. Wyman, M. D., Cheyenne.

## Appropriation for health department:

\$4,700 for two years.

Fiscal year ends April 1.

**PLAGUE-PREVENTION WORK.****CALIFORNIA—PLAGUE PREVENTION.**

The following report of plague-prevention work in California for the week ended March 6, 1915, was received from Passed Asst. Surg. Hurley, of the United States Public Health Service, in temporary charge of the work:

*San Francisco, Cal.*

RAT PROOFING.		RAT PROOFING—continued.	
New buildings:		Old buildings—Continued.	
Inspections of work under construction..	259	Cubic feet new foundation walls installed.	6,445
Basements concreted (square feet, 39,941)	67	Concrete floors installed (square feet,	
Floors concreted (square feet, 6,875).....	22	56,154).....	55
Yards, passageways, etc. (square feet,		Basements concreted (square feet, 20,050).	19
15,860).	51	Yards and passageways, etc., concreted	
Total area of concrete laid (square feet,		(square feet, 18,335).....	81
62,676).		Total area concrete laid (square feet,	
Classes A, B, and C (fireproof) buildings:		94,539).	
Inspections made.....	259	Floors rat proofed with wire cloth (square	
Roof and basement ventilators, etc.,		feet, 16,688).....	16
screened.....	3,185	Buildings razed.....	17
Wire screening used (square feet, 15,990)		New garbago cans stamped "Approved"....	1,047
Openings around pipes, etc., closed with		Nuisances abated.....	441
cement.....	9,662		
Sidewalk lens lights replaced.....	5,910		
Old buildings:		OPERATIONS ON THE WATER FRONT.	
Inspections made.....	929	Vessels inspected for rat guards.....	27
Wooden floors removed.....	84	Reinspections made on vessels.....	25
Yards and passageways, planking re-		New rat guards procured.....	19
moved.....	31	Defective rat guards repaired.....	14
		Vessels on which cargo was inspected.....	2

## AMOUNT OF CARGO INSPECTED AND DESCRIPTION OF SAME.

	Condition.	Rat evidence.
<b>Steamers Governor and Admiral Dewey from Seattle:</b>		
20 bundles rags.....	O. K.....	None.
130 cases milk, candy, household goods.....	O. K.....	None.
1,340 sacks flour, wheat, potatoes, and peanuts.....	O. K.....	None.

Rats trapped on wharves and water front....	25	<b>RATS COLLECTED AND EXAMINED FOR PLAGUE.</b>	
Rats trapped on vessels.....	13		
Traps set on wharves and water front.....	151		
Traps set on vessels.....	59		
Vessels trapped on.....	10		
Poisons placed on water front (pieces).....	3,800	<b>RATS IDENTIFIED.</b>	
Poisons placed within Panama-Pacific International Exposition grounds (pieces).....	7,200		
Bait used on water front and vessels, bacon (pounds).....	6		
Amount of bread used in poisoning water front (loaves).....	13		
Pounds of poison used on water front.....	6½		
		Mus norvegicus.....	113
		Mus rattus.....	54
		Mus alexandrinus.....	34
		Mus musculus.....	33

*Squirrels collected and examined for plague.*

Contra Costa County.....	170
San Benito County.....	23
Total.....	193

*Ranches inspected and hunted over.*

Contra Costa County.....	18
San Benito County.....	6
Total.....	24

*Record of plague infection.*

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
<b>Cities:</b>				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	( <sup>1</sup> )	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	( <sup>1</sup> )	126 rats.
Berkeley.....	Aug. 28, 1907	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Los Angeles.....	Aug. 11, 1908	( <sup>1</sup> )	Aug. 21, 1908	1 squirrel.
<b>Counties:</b>				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909	Aug. 7, 1914	286 squirrels, 1 wood rat.
Contra Costa.....	May 17, 1914	( <sup>1</sup> )	Oct. 23, 1914	1,565 squirrels.
Fresno.....	( <sup>1</sup> )	( <sup>1</sup> )	Oct. 27, 1911	1 squirrel.
Merced.....	( <sup>1</sup> )	( <sup>1</sup> )	July 12, 1911	5 squirrels.
Monterey.....	( <sup>1</sup> )	( <sup>1</sup> )	Apr. 10, 1914	6 squirrels.
San Benito.....	June 4, 1913	( <sup>1</sup> )	Sept. 26, 1914	36 squirrels.
San Joaquin.....	Sept. 18, 1911	( <sup>1</sup> )	Aug. 26, 1911	18 squirrels.
San Luis Obispo.....	( <sup>1</sup> )	( <sup>1</sup> )	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	( <sup>1</sup> )	July 23, 1913	25 squirrels.
Santa Cruz.....	( <sup>1</sup> )	( <sup>1</sup> )	May 17, 1910	3 squirrels.
Stanislaus.....	( <sup>1</sup> )	( <sup>1</sup> )	June 2, 1911	13 squirrels.

<sup>1</sup> None.<sup>2</sup> Wood rat.

The work is now being carried on in the following named counties: Alameda, Contra Costa, San Francisco, Merced, San Joaquin, Santa Cruz, Stanislaus, San Benito, Santa Clara, and San Mateo.

LOUISIANA—NEW ORLEANS—PLAGUE-ERADICATION.

The following report of plague-eradication work at New Orleans for the week ended March 6, 1915, was received from Surg. Corput, of the United States Public Health Service, in temporary charge of the work:

OUTGOING QUARANTINE.

Vessels fumigated with sulphur.....	54
Vessels fumigated with hydrocyanic gas.....	4
Pounds of sulphur used.....	14,940
Pounds of potassium cyanide used in hydrocyanic gas fumigation.....	341
Pounds of sodium carbonate used in hydrocyanic gas fumigation.....	410
Pounds of sulphuric acid used in hydrocyanic gas fumigation.....	374
Clean bills of health issued.....	33
Foul bills of health issued.....	6

OVERLAND FREIGHT INSPECTION.

Cars inspected, found in good order, permitted to load.....	1,755
Cars ordered repaired before loading.....	1,552
Total cars inspected.....	3,307

DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED FOR WEEK ENDED MAR. 6, 1915.

Alabama.....	112
Arizona.....	1
Arkansas.....	10
California.....	18
Carolina, North.....	2
Carolina, South.....	4
Colorado.....	40
Florida.....	51
Georgia.....	36
Illinois.....	260
Indiana.....	32
Iowa.....	9
Kansas.....	2
Kentucky.....	37
Louisiana.....	989
Maryland.....	1
Michigan.....	32
Mississippi.....	387
Missouri.....	64
Nebraska.....	10
New Jersey.....	1

DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED FOR WEEK ENDED MAR. 6, 1915—CON.

New Mexico.....	3
New York.....	21
Ohio.....	113
Oklahoma.....	12
Oregon.....	5
Pennsylvania.....	15
Tennessee.....	87
Texas.....	224
Virginia.....	3
West Virginia.....	1
Washington.....	2
Wisconsin.....	6
Canada.....	3

FIELD OPERATIONS.

Rats trapped.....	6,994
Number of premises inspected.....	10,369
Notices served.....	984

BUILDINGS RAT PROOFED.

By elevation.....	134
By marginal concrete wall.....	136
By concrete floor and wall.....	341
By minor repairs.....	249
Square yards of concrete laid.....	20,025
Total buildings rat proofed.....	860
Total buildings rat proofed to date.....	23,978
Number of abatements.....	199
Number of abatements to date.....	10,804

LABORATORY OPERATIONS.

Rodents examined.....	3,667
Mus norvegicus.....	1,796
Mus rattus.....	195
Mus alexandrinus.....	200
Mus musculus.....	3,626
Unclassified.....	1,061
Putrid.....	70
Total rodents received at laboratory.....	6,878
Number of suspicious rats.....	7
Plague rats confirmed.....	2

Rodent cases.

Case No.	Address.	Captured.	Diagnosis confirmed.	Treatment of premises.
233	1535 Terpsichore Street.....	Feb. 22	Mar. 1	Intensive trapping. Rat proofing initiated.
234	5238 Laurel Street.....	Feb. 19	Mar. 3	See case 233.

Last case of human plague, Oct. 4, 1914.

Last case of rodent plague, Mar. 3, 1915.

Total number of rodents captured to Mar. 6..... 285,086

Total number of rodents examined to Mar. 6..... 219,012

<i>Mus musculus</i> .....	4
<i>Mus rattus</i> .....	16
<i>Mus alexandrinus</i> .....	9
<i>Mus norvegicus</i> .....	205
Total rodent cases to Mar. 6, 1915.....	234

OUTGOING QUARANTINE.

Vessels fumigated with sulphur .....	41
Vessels fumigated with hydrocyanic gas ..	4
Pounds of sulphur used .....	11,371
Pounds of potassium cyanide used in hydro- cyanic gas fumigation .....	341
Pounds of sodium carbonate used in hydro- cyanic gas fumigation .....	440
Pounds of sulphuric acid used in hydro- cyanic gas fumigation .....	344
Clean bills of health issued .....	28
Foul bills of health issued .....	9

Cars inspected, found in good order; permitted to load.....	1,955
Cars ordered repaired before loading.....	1,380
Total cars inspected.....	3,335
Rodents killed in cars.....	2

Alabama.....	125
Arkansas.....	15
California.....	14
Carolina, North.....	5
Carolina, South.....	3
Colorado.....	1
Connecticut.....	1
Florida.....	24
Georgia.....	54
Illinois.....	249
Indiana.....	19
Iowa.....	11
Kansas.....	10
Kentucky.....	17
Louisiana.....	957
Maine.....	1
Massachusetts.....	3
Michigan.....	10
Minnesota.....	7
Mississippi.....	371
Missouri.....	36
Nebraska.....	7
New Hampshire.....	1
New Jersey.....	1
New York.....	26
Ohio.....	73
Oklahoma.....	3
Pennsylvania.....	4

Tennessee.....	79
Texas.....	172
Virginia.....	4
West Virginia.....	1
Washington.....	3
Wisconsin.....	7

Rats trapped.....	7,289
Premises disinfected.....	25
Premises inspected.....	10,972
Notices served.....	227

By elevation.....	209
By marginal concrete wall.....	176
By concrete floor and wall.....	372
By minor repairs.....	435
Square yards of concrete laid.....	26,417
Total buildings ratproofed.....	1,192
Total buildings ratproofed to date.....	26,550
Number of abatements.....	225
Number of abatements to date.....	11,348

Rodents examined.....	3,664
Mus norvegicus.....	1,791
Mus rattus.....	92
Mus alexandrinus.....	170
Mus musculus.....	4,162
Wood rats.....	1,161
Putrid.....	77
Total rodents received at laboratory.....	7,376
Number of suspicious rats.....	6
Plague rats confirmed.....	70
Last case of human plague, Oct. 4, 1914.	
Last case of rodent plague, Mar. 9, 1915.	
Total number of rodents captured to Mar. 20.....	300,373
Total number of rodents examined to Mar. 20.....	226,636
Total cases of rodent plague to Mar. 20, by species:	
Mus musculus.....	4
Mus rattus.....	16
Mus norvegicus.....	207
Mus alexandrinus.....	9
Total rodent cases to Mar. 20, 1915.....	236

<sup>1</sup> For report for week ended Mar. 13, 1915, see Public Health Reports, Mar. 26, 1915, p. 924.

**WASHINGTON—SEATTLE—PLAGUE ERADICATION.**

The following report of plague-eradication work at Seattle for the week ended February 27, 1915, has been received from Surg. Lloyd, of the United States Public Health Service, in charge of the work:

RAT PROOFING.		WATER FRONT—continued.	
New buildings inspected.....	43	Fumigation certificates issued.....	1
Basements concreted, new buildings, 5 square feet.....	8,960	Canal Zone certificates issued.....	1
Floors concreted, new buildings, 28 square feet.....	67,280	Port sanitary certificates issued.....	34
Yards, etc., concreted, new buildings, 4 square feet.....	2,260	LABORATORY AND RODENT OPERATIONS.	
Sidewalks concreted, square feet.....	26,470	Dead rodents received.....	20
Total concrete laid, new structures, feet.....	104,970	Rodents trapped and killed.....	312
New buildings elevated.....	6	Total.....	332
Premises rat proofed, concrete, new buildings.....	33	Rodents examined for plague infection.....	275
Buildings razed.....	4	Rodents proven plague infected.....	None.
WATER FRONT.		Poison distributed, pounds.....	14
Vessels inspected and histories recorded....	8	Human bodies examined for plague infection.....	1
Vessels fumigated.....	1	Bodies found plague infected.....	0
Sulphur used, pounds.....	250	CLASSIFICATION OF RODENTS.	
New rat guards installed.....	18	Mus rattus.....	9
Defective rat guards repaired.....	6	Mus alexandrinus.....	49
		Mus norvegicus.....	234
		Mus musculus.....	40

The usual day and night patrol was maintained to enforce rat guarding and fending.

*Rodents examined in Everett.*

Mus norvegicus trapped.....	24
Mus norvegicus found dead.....	1
Mus musculus trapped.....	1
Total.....	26
Rodents examined for plague infection.....	26
Rodents found plague infected.....	0

**HAWAII—PLAGUE PREVENTION.**

The following reports of plague-prevention work in Hawaii have been received from Surg. Trotter, of the United States Public Health Service:

**Honolulu.**

WEEK ENDED FEB. 27, 1915.

Total rats and mongoose taken.....	425	Average number of traps set daily.....	1,085
Rats trapped.....	419	Cost per rat destroyed..... cents..	20½
Mongoose trapped.....	5	Last case rat plague, Aiea, 9 miles from Honolulu, Apr. 12, 1910.	
Rats killed by sulphur dioxide.....	1	Last case human plague, Honolulu, July 12, 1910.	
Examined microscopically.....	338	Last case rat plague, Kalopa stable, Paauhau, Hawaii, Aug. 29, 1914.	
Showing plague infection.....	0	Last case human plague, Paauhau Landing, Hawaii, Aug. 17, 1914.	
Classification of rats trapped:			
Mus alexandrinus.....	157		
Mus musculus.....	143		
Mus norvegicus.....	87		
Mus rattus.....	32		
Classification of rats killed by sulphur dioxide:			
Mus alexandrinus.....	1		

**Hilo.**

WEEK ENDED FEB. 20, 1915.

Rats and mongoose taken.....	2,585	Classification of rats trapped and found	
Rats trapped.....	2,554	dead—Continued.	
Rats found dead.....	2	<i>Mus alexandrinus</i> .....	410
Mongoose taken.....	29	<i>Mus rattus</i> .....	869
Rats and mongoose examined macroscopic-		<i>Mus musculus</i> .....	729
ally.....	2,585	Last case of rat plague Paauhau Sugar Co.,	
Rats and mongoose plague infected.....	0	Aug. 29, 1914.	
Classification of rats trapped and found dead:		Last case of human plague, Paauhau Sugar	
<i>Mus norvegicus</i> .....	548	Co., Aug. 16, 1914.	